

SPECIFICATION:

Amend the first full paragraph on page 12 (i.e., lines 16-26), as follows:

--Referring to FIG. 1C, a Branch Mode Structure comprises a Scatter/Gather Structure having Pipeline Structures in the branches. The Scatter/Gather Structure comprises one Source Module SOURCE, at least two parallel branches comprising Pipeline Structures of Ordinary Modules, and a Sink Module SINK. For instance, the Image delivered by the Port of the Source Module is sliced in n=2 Image Strips. The Image Strips are numbered according to an index, in this example, the indices may 1, 2.

A [1/2]-Scatter Connection SC distributes the Image Strips on MOD1, MOD~~3~~², of the first branch BR, following the parity of their Strip-Index. The Image Strips are alternately processed by the Modules MOD²3, MOD4 of the second branch BR. Once processed, the scattered Image Strips are automatically put together again thanks to a [1/2]-Gather Connection GA. A Short-cut as previously described is permitted.--